

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

24. (Currently Amended) An organic waste storage lagoon basin cover comprising:
a plurality of connected panels of interconnected multiple layers;
each panel having a top sacrificial layer of a porous material to shield the cover from
ultraviolet light degradation;
each panel having a foam layer comprised of a plurality of parallel, spaced apart foam strips;
and
each panel having a layer of a porous geotextile material.
25. (Original) The cover of Claim 24 wherein:
the various layers are interconnected by needle punching.
26. (Original) The cover of Claim 24 wherein"
the foam layer is located between the sacrificial layer and the geotextile fabric layer.
27. (Original) The cover of Claim 26 wherein:
the sacrificial layer is also formed of a geotextile fabric.
28. (Currently Amended) An [[The]] organic waste storage lagoon basin cover of Claim
24 wherein comprising:
a plurality of connected panels of interconnected multiple layers;
each panel having a top sacrificial layer to shield the cover from ultraviolet light degradation;
each panel having a foam layer consisting of a plurality of parallel, spaced apart foam strips;
and
each panel having a layer of [[the]] geotextile material [[is]] located between the sacrificial
layer and the foam layer.

29. (Currently Amended) A multiple layered organic waste storage lagoon basin cover comprising:

a first layer located on top and comprised as a porous sacrificial layer for shielding from ultraviolet light degradation;

a second layer beneath the first layer and attached to it;

a third layer beneath the second layer and attached to it;

one of said second and third layers being a flotation foam layer;

the other of said second and third layers being a porous geotextile material.

30. (New) The lagoon cover of claim 29 wherein:

said first, second and third layers are divided into cover panels.

31. (New) The lagoon cover of claim 29 wherein:

said flotation foam layer is comprised of a plurality of parallel spaced apart foam strips.

32. (New) The lagoon cover of claim 31 wherein:

the foam layer is the second layer.

33. (Currently Amended) A [[The]] multiple layered organic waste storage lagoon basin cover of claim 31 wherein comprising:

the foam layer is the third layer

a first layer located on top and comprised as a sacrificial layer for shielding from ultraviolet light degradation;

a second layer comprised as a layer of geotextile material beneath the first layer and attached to it;

said flotation foam layer comprised of a plurality of parallel spaced apart foam strips;

a third layer comprised as a flotation foam layer beneath the second layer and attached to it.

35. (Currently Amended) A covered organic waste storage lagoon comprising:

an organic slurry basin containing a quantity of organic slurry;

a cover disposed over the basin and floating on top of the slurry;

said cover having a first layer located on top and comprised as a porous sacrificial layer for shielding from ultraviolet light degradation;
a second layer beneath the first layer and attached to it;
a third layer beneath the second layer and attached to it;
one of said second and third layers being a flotation foam layer,
the other of said second and third layers being a porous geotextile material.

36. (Previously Presented) The organic waste storage lagoon of claim 35 including:
a plurality of tether lines connected to the edges of the cover for connecting the cover to anchors located on a perimeter surrounding the basin.
37. (Previously Presented) The organic waste storage lagoon of claim 35 wherein:
said flotation foam layer is comprised of a plurality of parallel spaced apart foam strips.
38. (Previously Presented) The organic waste storage lagoon of claim 35 including:
and earthen berm surrounding the basin;
a trench formed in the berm;
edges of said cover located in the trench and held therein by fill material in the trench.